

# Roxtec S EMC transit

Transit for EMC, attached by welding.

The Roxtec S EMC is a multi-cable and pipe transit ensuring electromagnetic compatibility. It is available in different materials and with a single or various combinations of openings. The transit frame is produced in 10mm thick metal and is attached to the structure by welding. There is a choice between Roxtec ES modules for electromagnetic shielding and PE modules that protect against conducted disturbances. The modules adapt to a variety of cable sizes. Roxtec EC (electrical continuity) test sticks are available to help indicate the electrical performance of the transit installation.



- Easy to maintain and inspect
- Provides built-in spare capacity

Product characteristics

Fire rated

Watertight

Gas-tight

IP/UL NEMA

EMI protection

Structure of installation

Metal

Mounting type

Welding

## Ratings & certificates

**Fire**

- A-CLASS according to IMO 2010 FTP Code
- H-CLASS according to IMO 2010 FTP Code + HC fire load curve

**Tightness**

- Gas: 2.5 bar (catastrophic)
- Water: 4 bar (catastrophic)
- IP 66/67

**Supports**

- Electromagnetic shielding
- Potential equalization

## Frame dimensions

mm/kg

The frame variants below are a limited selection. For the full range of frames and configurations, please visit [roxtec.com](https://www.roxtec.com).

Product	Frame openings	Packing space	External dimensions WxHxD	Aperture dimensions w x h	Weight	Art. no
S 6x1 ALU	1	120 x 180	140.5 x 238 x 60	143(+1/-1) x 240(+1/-1)	1.2	S006000000131
S 6x1 PRIMED	1	120 x 180	140.5 x 238 x 60	143(+1/-1) x 240(+1/-1)	3.3	S006000000112
S 6x1 AISI316	1	120 x 180	140.5 x 238 x 60	143(+1/-1) x 240(+1/-1)	3.3	S006000000121
S 6x2 ALU	2	120 x 180	271 x 238 x 60	273(+1/-1) x 240(+1/-1)	1.9	S006000000231
S 6x2 AISI316	2	120 x 180	271 x 238 x 60	273(+1/-1) x 240(+1/-1)	5.5	S006000000221
S 6x2 PRIMED	2	120 x 180	271 x 238 x 60	273(+1/-1) x 240(+1/-1)	5.5	S006000000212
S 6x3 PRIMED	3	120 x 180	401.5 x 238 x 60	404(+1/-1) x 240(+1/-1)	7.7	S006000000312
S 6x3 AISI316	3	120 x 180	401.5 x 238 x 60	404(+1/-1) x 240(+1/-1)	7.7	S006000000321
S 6x3 ALU	3	120 x 180	401.5 x 238 x 60	404(+1/-1) x 240(+1/-1)	2.6	S006000000331



# Sealing components

## Sealing components



RM ES module with Multidiameter™



Lubricant



Wedge & Wedgekit ES



RM ES solid compensation module



RM PE module with Multidiameter™



Accessories ES and BG



Holder tools



RM PE solid compensation module



Wedge & Wedgekit



Stayplate



ES sealing kit



Welding tools

For detailed information, please visit [roxtec.com](https://www.roxtec.com).

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